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## REPORT OF THE PROFESSOR OF LOWER INVERTEBRATA.

The Professor of Lower Invertebrata, respectfully reports that during the past year he has delivered lectures on the results of the Hawaiian Expedition.

The additions to the museum during the year have been neither numerous nor important.

Work has been carried on in the carcinological department in relabelling and rearranging specimens. With the help of Dr. A. Ortmann, the Porcellanidæ have been correctly determined and relabelled.

A course of lectures, ten in number, is planned to be delivered sometime during the spring on general zoology.

Respectfully submitted,

BENJ. SHARP,

*Professor of Lower Invertebrata.*

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## REPORT OF THE PROFESSOR OF HISTOLOGY AND MICROSCOPIC TECHNOLOGY.

The Professor of Histology and Microscopic Technology respectfully reports that he has conducted less than the usual work in the bacteriological laboratory than in past years, owing to the fact that the greater part of his time has been devoted to his duties as Executive Curator. Some satisfactory work, however, has been accomplished in bacteriological examinations of drinking waters in the State of Pennsylvania, and in continued investigations upon the various lines heretofore suggested for the prevention and cure of tuberculosis and other germ diseases.

Original investigations made during the winter on the relationship between Tuberculosis and Nitrogenous Metabolism have been communicated to the Academy and published in the Therapeutic Gazette for December 15, 1894.

Microscopic examinations have been made of the viscera of animals which have died at the Philadelphia Zoological Gardens.

The bacteriological laboratory has been freely used by members of the Academy who desired the privilege, while the society has not

been called upon directly or indirectly to defray the expenses incurred for equipment or maintenance.

Instruction has been given in the use of the microscope, but no work has been done in histology.

SAMUEL G. DIXON,  
*Prof. of Histology and Microscopic Technology.*

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#### REPORT OF THE CURATOR OF THE WM. S. VAUX COLLECTIONS.

The Curator of the Wm. S. Vaux Collections respectfully reports that the cabinets have been in good condition during the past year. They have, however, been inspected by but few persons, owing to the unfavorable situation of the rooms in which they were arranged. No additions have been made in the archæological section since the donor's death. At the present time it is being removed into the new building where it will attract attention in connection with the collection of Mr. Clarence B. Moore and others belonging to the Académie.

Since the last report 158 specimens have been added to the collection of minerals, several being new species. Their removal into the new building has been completed without loss or injury to any of the specimens. The cabinet has been placed in good order. It has been arranged on the first floor of the new building where, in consequence of the abundance of light, it can be exhibited to advantage.

Respectfully submitted,  
WM. W. JEFFERIS,  
*Curator.*